CITY MULTI

Low Ambeint Hood Accessories

Designed for PUHY-P-T/Y(S)KMU, and PURY-P-T/Y(S)KMU Series Units

MITSUBISHI ELECTRIC
Changes for the Better

Job Name:

Schedule Reference: | Date:

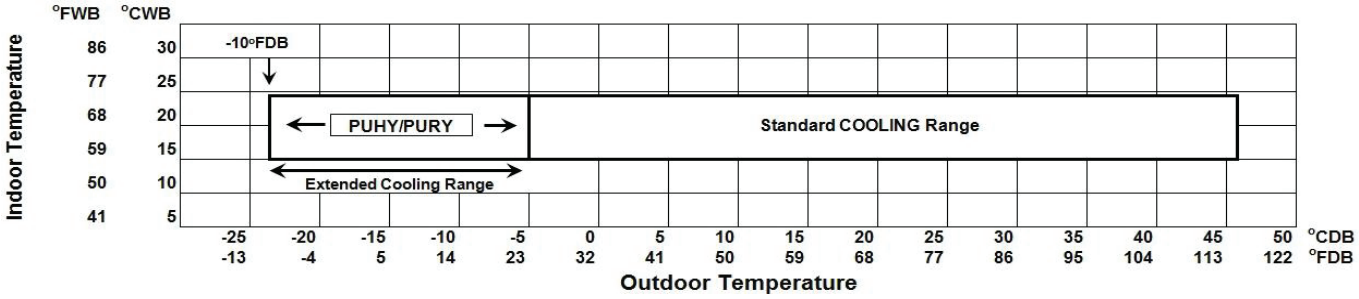
GENERAL FEATURES

- Allows system to operate at 100% COOLING capacity at reduced outdoor temperatures
  ** PUHY Y-Series Outdoor Units - (Now down to -10°FDB Outdoor Temp.)
  ** PURY R2-Series Outdoor Units - (Now down to -10°FDB Outdoor Temp.)

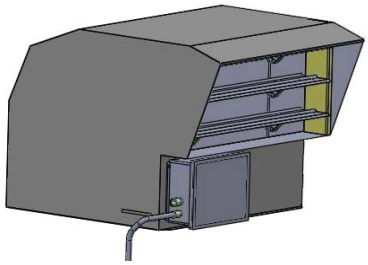
Patent Pending

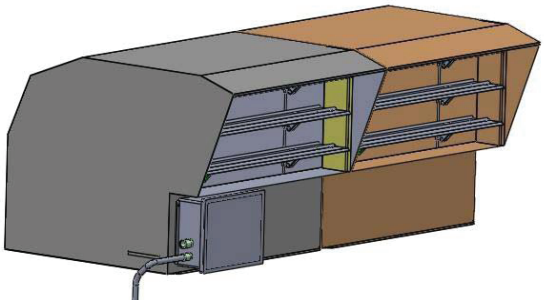
Intertek
4000292

IMPORTANT! The low ambient hood is only active when the outdoor unit is in cooling mode. On R2 (PURY) systems when the outdoor unit is in heating mode, the hood is inactive. Indoor units that require cooling during this time, when the outdoor temperature is below 21° F, will not function properly.


°FWB °CWB
Indoor Temperature
86 30
77 25
68 20
59 15
50 10
41 5
-10°FDB
PUHY/PURY
Standard COOLING Range
Extended Cooling Range
-25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 °CDB
-13 -4 5 14 23 32 41 50 59 68 77 86 95 104 113 122 °FDB
Outdoor Temperature

- Normal heating performance is unaffected by the low ambient hood.
- Hood constructed of 20 gauge, hot-dipped galvanized G-90 steel.
- Heavy-duty polyester-based powder paint finish.
- Designed to work with both 208/230 and 460 3-phase units.
- NEMA 4X control box protects electrical components from the elements.
- ETL Recognized Component.
- Hood easily installs and connects to outdoor unit with plug in electrical connections.
- Wind deflectors or snow gaurds are easy to install with existing (wire guard) fasteners & provided screws.





NOTES:

** Hood and wind deflectors must be used together to achieve low operational range (for cooling operation systems only)
Outdoor unit must be mounted at least 18" off the ground or 12" above the highest average snow depth whichever is greater.
The outdoor unit may require additional mounting restraints depending on the mounting location. See installation instructions for guidelines.

SPECIFICATIONS

					Carton Dimensions
Part Number	**Description**	**Electrical**	**Net Wt.**	**Ship Wt.**	**L x W x H**
LAHK-1	Low Ambient Hood Assembly (master) with damper control box For single fan modules	208/230 1-phase .20 amp	64 lbs. (29 kg)	70 lbs. (32 kg)	43" L x 36" W x 30-1/2" H (1,092 x 914 x 775 mm)
LAHK-2	Low Ambient Hood Assembly (subordinate) Combined with the LAHK-1 for double fan (P120 and P144) modules	Controlled by LAHK-1	56 lbs. (25 kg)	62 lbs. (28 kg)	43" L x 36" W x 30-1/2" H (1,092 x 914 x 775 mm)

Manufactured for Mitsubishi Electric US, Inc.

Specifications are subject to change without notice.
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COMPONENTS

Components Required per Outdoor unit(s)
For outdoor units with multiple modules, the minimum 1-3/16" separation between the modules is recommended. If modules are placed farther apart additional component required.

PURY-P-T/Y(S)KMU Series

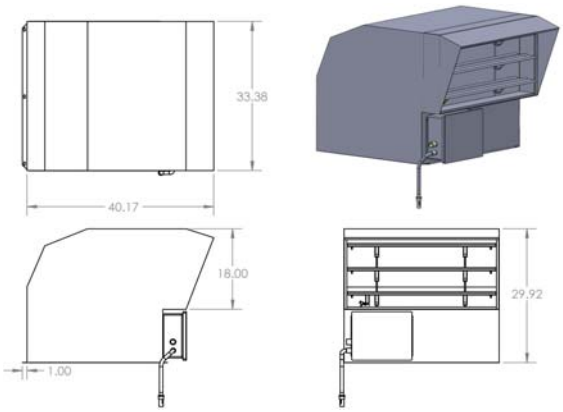
Unit model	Module Size			Component Quantity	
	S	L	XL	LAHK-1	LAHK-2
PURY-P72(T,Y)KMU-A		1		1	
PURY-P96(T,Y)KMU-A		1		1	
PURY-P120(T,Y)KMU-A			1	1	1
PURY-P144(T,Y)KMU-A			1	1	1
PURY-P144YSKMU-A		2		2	
PURY-P168(T,Y)SKMU-A		2		2	
PURY-P192(T,Y)SKMU-A		2		2	
PURY-P216(T,Y)SKMU-A		1	1	2	1
PURY-P240(T,Y)SKMU-A			2	2	2
PURY-P264(T,Y)SKMU-A			2	2	2
PURY-P288(T,Y)SKMU-A			2	2	2

PUHY-P-T/Y(S)KMU Series

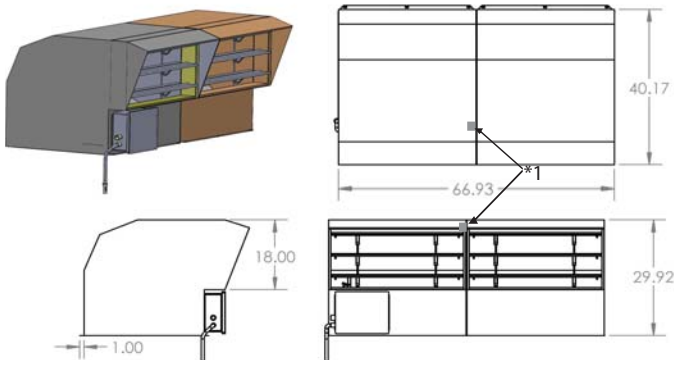
Unit model	Module Size			Component Quantity	
	S	L	XL	LAHK-1	LAHK-2
PUHY-P72(T,Y)KMU-A	1			1	
PUHY-P96(T,Y)KMU-A		1		1	
PUHY-P120(T,Y)KMU-A			1	1	1
PUHY-P144(T,Y)KMU-A			1	1	1
PUHY-P144YSKMU-A	2			2	
PUHY-P168(T,Y)SKMU-A	1	1		2	
PUHY-P192(T,Y)SKMU-A	1		1	2	1
PUHY-P216(T,Y)SKMU-A		1	1	2	1
PUHY-P240(T,Y)SKMU-A			2	2	2
PUHY-P264(T,Y)SKMU-A	2		1	3	1
PUHY-P288(T,Y)SKMU-A	1	1	1	3	1
PUHY-P312(T,Y)SKMU-A	1		2	3	2
PUHY-P336(T,Y)SKMU-A		1	2	3	2
PUHY-P360(T,Y)SKMU-A			3	3	3

DIMENSIONS

Low Ambient Hood LAHK-1 (used alone for single fan modules P72 and P96 sizes).



Low Ambient Hood LAHK-1 with LAHK-2 (combined for dual fan (P120 and P144) modules.



Note:
*1 Dampers assemblies are connected in the field with included shaft.

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